MORGAN, LEWIS & BOCK



Combined Declaration and Power of Attorney

| As a below named inventor | , i nereby declare that. | | |
|--|---|--|--------------------------------------|
| This declaration is of the fo | llowing type: | | |
| [χ] original [] sup | plemental | | |
| [X] national stage of F [] divisional | PCT [] continuation | ition-in-part | |
| My residence, post office a | ddress and citizenship are as stated | next to my name, | |
| | first and sole inventor (if only one na re listed below) of the subject matter itled | | |
| X-RAY TUBE CONTROL | APPARATUS AND X-RAY TUBE CO | ONTROL METHOD | |
| the specification of which | | | |
| is attached h | erete | | |
| <i>~</i> \- | | , | |
| | ed States Application Serial Number | | and |
| | ended on | | |
| | April 4, 2003 | | , |
| as PCT | International Application Number | PCT/JP03/04357 | and, |
| was am | International Application Number _ ended under PCT Article 19 on | | (if applicable). |
| I hereby state that I have re the claims, as amended by | eviewed and understand the contents any amendment referred to above. | s of the above-identified spe | ecification, including |
| I acknowledge the duty to d Federal Regulations, Section | disclose information which is materia on 1.56. | l to patentability as defined | in Title 37, Code of |
| application(s) for patent or designated at least one cou checking the box, any forei | ity under Title 35, United States Coc inventor's certificate, or 365(a) of an untry other than the United States, lis ign application for patent or inventor that of the application on which prior | y PCT International application sted below and have also ide s certificate, or PCT Interna | tion which entified below, by |
| PRIOR FOR | EIGN APPLICATIONS, BENEFIT C | LAIMED UNDER 35 USC § | 119(a) |
| Application Number | Country | Date of Filing (Day/Month/Year) | Priority Claimed Under 35 USC 119 |
| P2002-103881 | Japan | 05 / April / 2002 | XYes No |
| | | | Yes No |
| | | | □Yes □No |

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

| (Application No.) | (Filing Date) | (Application No.) | (Filing Date) |
|-------------------|---------------|-------------------|---------------|
| (Application No.) | (Filing Date) | (Application No.) | (Filing Date) |

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |
|-------------------|---------------|--|
| · | | · · · · · · · · · · · · · · · · · · · |
| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of MORGAN, LEWIS & BOCKIUS LLP included in the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 009629

Send Correspondence to: Customer Number 009629
MORGAN, LEWIS & BOCKIUS LLP

1111 Pennsylvania avenue, NW WASHINGTON D.C., 20004

Direct Telephone Calls to: John G. Smith at telephone number 202-739-3000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Full Name o | f sole or first inventor Masayoshi ISHIKAWA | | | | |
|---|---|------|-----------|--|--|
| Inventor's si | | Date | | | |
| , | Masayoshi Jshihawa | | 2014/10/8 | | |
| Residence | Hamamatsu-shi, Shizuoka, Japan | | | | |
| Citizenship | Citizenship | | | | |
| Post office a | address c/o Hamamatsu Photonics K.K., | | | | |
| | 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan | _ | | | |
| Full Name s | recond joint inventor, if any Takane YOKOL 2-50 | - | | | |
| Second inve | entor's signature | Date | | | |
| | Tila Yalaz | | 2004/10/8 | | |
| Residence | C () () () () | | 2007/10/0 | | |
| | Hamamatsu-shi, Shizuoka, Japan | | | | |
| Citizenship | Japan | | | | |
| Post office | address c/o Hamamatsu Photonics K.K., | | | | |
| | 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan | | | | |
| Full Name t | hird joint inventor, if any | | | | |
| | Tsutomu NAKAMURA 3 W | | | | |
| Third invent | tor's signature | Date | | | |
| | Tsutomu Nakamura | | 2004/10/8 | | |
| Residence | | | , , , , | | |
| Citizenship | Hamamatsu-shi Shizuoka, Japan | | | | |
| Citizeriship | Japan | • | | | |
| Post office | address c/o Hamamatsu Photonics K.K., | | | | |
| | 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan | | | | |
| Full Name | fourth joint inventor, if any | | | | |
| | Yutaka OCHIAI 4-00 | Date | | | |
| Fourth inve | ntor's signature | Date | | | |
| | Yutaka Oclion | | 2004/10/8 | | |
| Residence | Hamamatsu-shi, Shizuoka, Japan | | | | |
| Citizenship | Japan | | | | |
| Post office address c/o Hamamatsu Photonics K.K., | | | | | |
| | 1126-1, Ichino-cho, | | | | |

| Full Name fifth joint inventor, if any Kinji TAKASE | 700 |
|--|-----------|
| Fifth inventor's signature. | Date |
| Hinji Takea | 2004.10.8 |
| Residence hamamatsu-shi, Shizuoka, Japan | |
| Citizenship Japan | |
| Post office address | |
| c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, | |
| Hamamateu chi Shizuaka 135 9 | EEQ Janon |